

BOGO/ ★ P31 P34 86-324157/49 ★SU 1222-254-A  
Intra-osseous infusion needle - featuring tube cutting part as re-  
curved teeth, and middle tube part with thickening

BOGOSYAN A B 09.11.83-SU-660510

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The cutting part of tube (1) of the proposed needle is designed in the form of teeth (3), recurved from the longitudinal axis. The middle part of tube (1) has thickening (4). The dia. of the thickening (4) is greater than the dia. of the cutting part.

The bone is trephined with the operative end of the needle. When moving the needle farther, the pointed end of the mandrin cracks and moves apart the osseous structures. Teeth (3) grind the structures, forming bone chips. The thickening (4) collects the chips in front and fills the gap between the bone and the thickening. The infused liquid accumulates around the needle and penetrates to the little damaged interosseous spaces.

ADVANTAGE - Preserves the bone chips in the osseous channel.  
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